

Chemical Report

Heidelberg Materials

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Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Padeswood

Chemical analysis for week ending 02-Mar-25

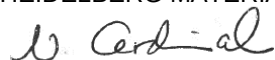
Week No. 2025-8

Compound	%
SiO ₂	20.14
Al ₂ O ₃	4.95
Fe ₂ O ₃	3.09
CaO	65.09
MgO	1.02
SO ₃	3.32
K ₂ O	0.45
Na ₂ O	0.24
Cl	0.04
Loss on Ignition	2.70
Not Detected	-1.02
Total	101.02

	%
Insol Residue	0.77
Free CaO	1.7
Certified Average Alkali Na ₂ O (Equiv)	0.54
LSF (x 100)	97.59

Clinker compounds by Rietveld analysis	
C ₃ S	62.0
C ₂ S	8.9
C ₃ A	8.1
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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